

Chapter 1

Introduction

Section I

Overview

1.1. Purpose

a. This pamphlet provides Department of the Army (DA) requirements for weapons training programs as stated in Army Regulation (AR) 350-41, Army Forces Training. It applies to the weapons and weapon systems used throughout the force for both Active and Reserve Components. Included are gunnery training programs consisting of: standards for qualification; suggested training strategies for individuals and collective elements (crews, teams, squads, batteries, etc.) to achieve those standards; and ammunition requirements to execute the suggested training strategies. The ammunition requirements are based on suggested strategies but do not automatically translate into authorizations. Training Aids, Devices, Simulators and Simulations (TADSS) systems should be used in addition to training ammunition to achieve standards.

b. The Army training goal is a combat ready force prepared to mobilize and deploy on short notice, and to fight and win. To help achieve that goal, this pamphlet:

(1) Provides a linkage between proponent developed Combined Arms Training Strategies (CATS), Standards in Weapons Training (STRAC), Training Aids Devices Simulators and Simulations (TADSS), other training materials and training ammunition requirements.

(2) Provides commanders and other unit trainers with a common set of qualification standards for weapons and weapon systems.

(3) Provides commanders and other unit trainers with suggested weapons training strategies and ammunition requirements that assist in the attainment and sustainment of standards.

(4) Provides commanders with measurable standards for evaluating a portion of their overall training readiness.

(5) Provides commanders and other unit trainers information necessary to forecast annual ammunition requirements.

1-2. References

Required and related publications are listed in appendix A.

1-3. Explanation of abbreviations

Abbreviations used in this pamphlet are explained in the glossary.

1-4. Training functions

a. The Assistant Secretary of the Army (Research, Development and Acquisition) ASA(RDA) manages the research, development and procurement of ammunition items.

b. The Deputy Chief of Staff for Operations and Plans (DA-DCSOPS)

(1) Trains Army Forces and Chairs the Standards in Training Commission (STRAC).

(2) Advises the Chief of Staff, Army and Vice Chief of Staff, Army on STRAC matters.

c. The Director of Training, Office of the DCSOPS (HQDA, DAMO-TR)

(1) Acts on behalf of the DCSOPS as the Headquarters, Department of the Army (HQDA) point of contact for standard training programs and chairs the STRAC General Officer Steering Committee.

(2) Prescribes policy, coordinates standards in training requirements and develops training ammunition requirements.

(3) Prescribes criteria for and designates units at Training Readiness Condition (TRC) levels.

(4) Monitors STRAC training programs.

(5) Resources the Army component of Combat Training Centers with ammunition separately from units.

d. The Deputy Chief of Staff for Logistics manages transportation and storage of ammunition required to support the training programs.

e. The Commanding General, US Army Training and Doctrine Command (CG, TRADOC)

(1) Develops, standardizes and evaluates standards and training strategies.

(2) Staffs weapons training strategies through the STRAC General Officer Steering Committee for publication.

(3) Implements standards in training programs in the training base where applicable.

(4) Determines annual training ammunition requirements for the training base according to standard training programs.

f. Commanders of Major Army Commands (MACOMs)

(1) Train forces to attain and sustain weapons proficiency standards.

(2) Determine annual training ammunition requirements and authorizations for assigned units considering standards and notional (suggested) strategies in this pamphlet, unit mission, unit priority and applicable resource guidance.

g. The National Guard Bureau (NGB) functions as a MACOM for administering resources, programs, policies and plans pertaining to or affecting the Army National Guard IAW AR 130-5.

h. The U. S. Army Reserve Command (USARC) is responsible for administering resources, programs, policies and plans pertaining to or affecting the United States Army Reserves IAW AR 140-1.

1-5. Training Readiness Conditions (TRC) Levels and Categories

TRCs are training readiness levels with prescribed (mandatory) standards, notional training strategies and generic (general, non-unit specific) training resource requirements, i.e., resources required by units to attain and sustain standards. In general, Active Component (AC) units are designated TRC A. Special reaction teams, formed from active component military police units, are designated TRC S. National Guard Enhanced Brigade units are designated TRC B. USAR training divisions, USAR reception stations, USAR separate training brigades and NGB training cadre are designated TRC D. All other Reserve Component (RC) units are designated TRC C.

Section II

Army Standard Gunnery Training Programs

1-6. The Standards in Training Commission (STRAC)

In March 1982, the Vice Chief of Staff, Army (VCSA) established the Standards in Training Commission, appointing the DCSOPS as chairman and TRADOC, Army Training Support Center (ATSC) as the Army Executive Agent. The mission is to determine the quantities and type of munitions for soldiers, crews and units to attain and sustain weapon proficiency relative to readiness levels making maximum use of TADSS and subcaliber firing.

1-7. Management

The STRAC chairman directs the program and reports directly to the VCSA. The chairman is supported by the Training (STRAC) General Officer Steering Committee with membership from the Army staff (AC and RC), MACOMs, TRADOC and the commandants of the proponent schools. The training steering committee reviews the program and provides recommendations to the chairman. Weapons committees chaired by the commandants of the Air Defense, Armor, Aviation, Engineer, Field Artillery and Infantry Schools, with full MACOM representation, develop weapons training

standards and strategies. These standards and strategies are integrated and reviewed by a STRAC Council of Colonels chaired by DAMO-TR, then forwarded to the Training General Officer Steering Committee for final recommendation.

1-8. Weapon System Training Programs

a. Table 1-1 identifies weapons and weapon systems by unit for which training programs have been written and approved. This unit listing is general in nature. Unit commanders must take into account their unit's mission, training, resource guidance and resource authorization when determining what training programs to follow. Commanders must examine each strategy as it applies to the unit's modification table of organization and equipment (MTOE), missions essential task list (METL), training level, time available and unique training needs. Consideration must include the unit's overall training program and objectives as specified by the soldiers manual (SM), common task test (CTT), Army training and evaluation plan (ARTEP), mission training plan (MTP) and availability of TADSS.

b. Chapters 2 through 7 contain standards, strategies and ammunition requirements for attaining and maintaining proficiency of soldiers, crews and units in gunnery skills. Chapter 8 describes pyrotechnic requirements. Chapter 9 provides standards, strategies and ammunition requirements for mobilization. Chapter 10 provides standards, strategies, and ammunition requirements for Combat Training Center rotations. Chapter 11 is a model for developing training strategies for deployed forces.

(1) The standards listed throughout each chapter are mandatory.

(2) Training strategies and associated ammunition requirements are not mandatory. The STRAC strategies provided are models. Commanders may tailor strategies as required to allow their units to achieve standards. This flexibility in the strategies is intended to accommodate unique mission training requirements.

(3) This pamphlet reflects total training ammunition authorizations by type units.

c. Active Component (AC) Table of Distribution and Allowances (TDA) units with assigned individual weapons will use weapons standards for Category II, TRC A. Reserve Component (RC) TDA units with assigned individual weapons will use weapon standards for Category II, TRC C. Personnel assigned pistols or revolvers in AC and RC TDA units will use weapons standards for TRC A and C respectively. Personnel in TDA units who are not assigned individual weapons are exempt from weapons qualification in accordance with AR 350-41.

d. Upon mobilization, TRC C commanders will reinforce/build upon their accomplished training by completing individual and collective training events as outlined in Chapter 9.

1-9. Standards and Strategies for TRC D.

a. Standards and strategies for the USAR Training Divisions, Separate USAR Training Brigades and NGB Training Cadre appear in this pamphlet as “TRC D USAR Training Battalion”.

b. USAR training programs support both initial entry and prior-service personnel.. TRC D training programs in this manual support and accommodate the USAR phased qualification/sustainment program by basing training ammunition on the number of soldiers in each phase instead of the number of weapons in the unit’s MTOE/TDA.

c. For individual weapons qualification, all personnel, except instructors and drill sergeants involved in marksmanship instruction, will follow TRC C Category II programs. Soldiers assigned as Track Commanders/Instructors in Infantry or Scout AIT or OSUT units are considered to be instructors when determining resources and the attainment of standards.

d. The ammunition requirements for USAR Training Battalions are located in the specific weapon system tables.

Table 1-1
Weapon System Training Programs

Proponent	System	Type Unit							
		AD	AR	AV	CAV	CS/CSS	EN	FA	IN
Armor	M1 Tank		X		X				
	M1A1/M1A2 Tank		X		X				
Field Artillery	105mm Howitzer							X	
	155mm Howitzer							X	
	155mm Howitzer (Cav)				X				
	155mm Howitzer (LID)							X	
	203mm Howitzer							X	
	OH-58D (AFSC)							X	
	Multiple Launch Rocket System (MLRS)							X	
Air Defense	Manpads	X							
	Patriot	X							
	Bradley Stinger Fighting Vehicle	X							
	Avenger	X							
Infantry	Bradley Fighting Vehicle (M2/M3)		X		X				X
	Bradley Stinger Fighting Vehicle	X							
	Bradley Fire Support Vehicle							X	
	Improved TOW Vehicle (M901)		X		X				X

	TOW (Ground)		X		X			X
	Dragon (M47)		X		X		X	X
	AT-4	X	X	X	X	X	X	X
	Javelin		X		X			X
	Light Antitank Weapon (M72) ¹	X	X	X	X	X	X	X
	60mm Mortar							X
	81mm Mortar							X
	107mm Mortar		X		X			X
	120mm Mortar		X		X			X
	Rifle (M16A1/A2)	X	X	X	X	X	X	X
	Rifle (M21)							X
	Shotgun ²							
	Grenade Launcher (M203)	X	X	X	X	X	X	X
	Machine Gun (M60)	X	X	X	X	X	X	X
	Machine Gun (M240B)		X					X
	Machine Gun (M2HB)	X	X	X	X	X	X	X
	Machine Gun (MK19)	X			X	X		X
	Squad Automatic Rifle (M249)	X	X		X		X	X
	Submachine Gun (M3A1)		X		X	X	X	X
	Revolver (.38 Cal)			X	X	X		
	Pistol (.45 Cal)	X	X	X	X	X	X	X
	Pistol (9mm)	X	X	X	X	X	X	X
	Hand Grenades (M228/M67)	X	X	X	X	X	X	X
	Sniper Rifle (M82A1)						X	X
	Claymore Mine (M18A1)	X	X	X	X	X	X	X
Engineer	M14AP		X		X	X	X	X
	M15AT		X		X	X	X	X
	M16AP		X		X	X	X	X
	M19AT		X		X	X	X	X
	M21AT		X		X	X	X	X
	Flipper						X	
	GEMSS						X	
	MOPMS		X		X		X	
	Volcano			X			X	
	Demolitions	X	X		X		X	X
	Bangalore Torpedo		X		X		X	X
	MICLIC						X	
	Shape Charge/Cratering Charge						X	
Aviation	AH-64			X	X			
	AH-1E			X	X			
	AH-1F			X	X			
	UH-1H (Door Gunnery)			X	X			
	UH-60 (Door Gunnery)			X	X			
	CH-47 (Door Gunnery)			X				
	OH-58 (Armed)			X	X			